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# **Product Datasheet**

## **GP9873 - Putrescine dihydrochloride**

#### **Pictograms**



#### **Product Details**

**Product Name** Putrescine dihydrochloride

Glentham Code GP9873 **CAS Number** 333-93-7 **EINECS** 206-375-9 MDL Number MFCD00012526 PubChem SID 310279396

**Related Categories** APIs, Biochemicals, Raw

Materials (IVD)

#### Structure

Molecular Weight : 161.08

Molecular Formula : C<sub>4</sub>H<sub>12</sub>N<sub>2</sub> · 2HCl

**HCI HCI**  $H_2N$ 

## **Glentham Product Specification**

Physical White to off-white crystalline

Description powder or crystals

Solubility (10% in : Clear, colourless solution

water)

Residue on : ≤ 0.2%

Ignition

: ≤ 20ppm **Heavy Metals** 

Loss on Drying : ≤ 0.5% (105°C)

Assay : ≥ 98.0% (dried basis)

Version : v1.1

### **About Putrescine dihydrochloride**

Putrescine dihydrochloride is a salt of putrescine, an organic chemical produced by the breakdown of amino acids during putrefaction. Putrescine dihydrochloride is an NMDA agonist and precursor in the synthesis of spermidine.

#### Storage

Recommended storage temperature: +20°C.

#### **Hazards and Transport**

Not classified as dangerous for transport.

**CLP Classification** 

Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A

Signal Word Warning

**Hazard Codes** H315, H336, H335, H319 P280, P261, P302+P352, **Precautionary Codes** P305+P351+P338

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